



PROJECT STATUS UPDATE

Client: City of Long Beach
Project: Water Treatment Plant
Date: October 29, 2010
Project Manager: Dave Poulson
Project Engineer: Dan Naughton
PACE job No.: 08856.00

Status:

Work Completed Past Two Weeks:

- WTP site work 95% complete.
- WTP exterior concrete poured.
- WTP structural roof including insulation and dry-in treatment.
- WTP interior framing.
- Dry-in buildings at the Main and Dohman impoundments as well as the chlorine dioxide building.

Work Scheduled Next Two Weeks:

- WTP plumbing and electrical rough-in.
- Continue WTP housekeeping pad construction.
- WTP door and window installation.

Information Needed from City:

- The City of Long Beach, with the assistance of PACE, is currently negotiating an agreement with Siemens for the conversion and installation of the chlorine dioxide generator for the new water treatment plant.

Schedule:

- All submittals are complete.
- The WTP building construction appears to be approximately 4 weeks ahead of schedule.
- The PALL equipment delivery is currently approximately 5 or 6 weeks behind schedule. Rotschy and PACE are working with PALL in an attempt to accelerate PALL's delivery date. Even if the current PALL delivery date is held, Rotschy is confident that the WTP will be complete and operational by the current substantial completion schedule.

- PACE staff has been on-site a minimum of 3 days per week over the past two weeks.
- Weekly construction meetings are held every Tuesday at 10 AM at the job site construction trailer.
- The next monthly meeting will be November 9th at 10 AM at the job site construction trailer.

Budget:

- A change order will be forthcoming for removal of the unconsolidated fill material and organics that have been / will be removed from the WTP building footprint and surrounding hard concrete surfaces. Final pricing is not yet available. Current estimates from Rotschy are +/- \$7,000.
- After PACE and City staff collaborated on the WTP process piping re-design as requested by PALL, a credit will be forthcoming for +/- \$8,000.
- A +/- \$300 credit will be forthcoming for 4" telephone conduit that is not required. The telephone company will be providing all necessary telephone conduit.
- A credit will be forthcoming from PALL for various on-skid instrumentation revisions and other PALL supplied equipment for the project. PACE is still coordinating with PALL to verify the credit being offered is appropriate.
- City staff has requested ductile iron pipe and fittings as opposed to the welded pipe manifold at the Dohman impoundment. This will result in a cost increase of +/- \$1,500.
- A change order will be forthcoming for improvements to the radio telemetry system to insure reliability of the communications between the WTP and the Dohman impoundment.
- A change order will be forthcoming for the separation of a potable water and utility water system within the WTP. Separating out a utility water system will insure health and safety and eliminate any possibility of cross contamination to the potable water system.
- The City is reviewing a potential change order to enclose the exposed trusses/pan decking outside of the CMU walls with metal soffits.

Milestones:

Date Delivered/Due Date	Milestone Description
Mid January, 2011	PALL equipment delivery date
April 12, 2011	Revised Substantial Completion Date per Change Order #1